

Patent Abstracts of Japan

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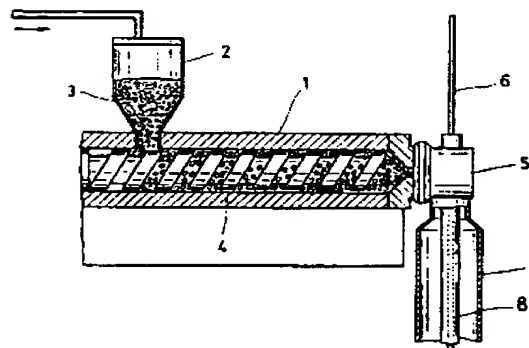
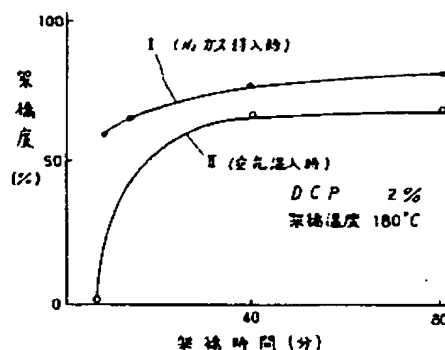
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TITLE : EXTRUDING CROSSLINKING METHOD FOR INSULATOR



ABSTRACT : PURPOSE: To prevent the lowering of the degree of crosslinking of a plastic material on extrusion molding and the generation of micro-voids due to oxygen in air by sealing an N₂ gas to a supply section for the plastic material in an extruder.

CONSTITUTION: A supply section (a hopper 2 and a screw section in an extruder 1) for a plastic material in the extruder 1 is formed into an airtight structure. Air in the supply section is replaced with N₂ gas before starting of extrusion, and the state in which the N₂ gas is sealed is brought. Air is not mixed into the molten plastic material, and the extruding crosslinking molding of an insulator in an electric wire-cable, crosslinking efficiency of which is hardly lowered and in which there are few micro-voids, or these connecting sections is attained.

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